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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/014,101

DATE: 05/22/2002

TIME: 12:12:21

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2 <110> APPLICANT: Schmulling, Thomas
 3 Werner, Tom s
 5 <120> TITLE OF INVENTION: Method for modifying plant morphology, biochemistry and
 6 physiology
 8 <130> FILE REFERENCE: 1195-2
 10 <140> CURRENT APPLICATION NUMBER: US 10/014,101
 11 <141> CURRENT FILING DATE: 2001-12-10
 13 <150> PRIOR APPLICATION NUMBER: PCT/EP01/06833
 14 <151> PRIOR FILING DATE: 2001-06-16
 16 <150> PRIOR APPLICATION NUMBER: EP 00870132.8
 17 <151> PRIOR FILING DATE: 2000-06-16
 19 <150> PRIOR APPLICATION NUMBER: US 60/258,415
 20 <151> PRIOR FILING DATE: 2000-12-27
 22 <150> PRIOR APPLICATION NUMBER: EP 01870053.4
 23 <151> PRIOR FILING DATE: 2001-03-16
 25 <160> NUMBER OF SEQ ID NOS: 36
 27 <170> SOFTWARE: PatentIn Ver. 2.1
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 2236
 31 <212> TYPE: DNA
 32 <213> ORGANISM: Arabidopsis thaliana
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 37 gttagtaccc caaaagaatt accttcttca aatccttcag atattcgttc ctcatagatt 180
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 47 aaagaatatc catctcttca tgagcaaaaa cactgacgac tttaaataat ttttgactat 780
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76 <212> TYPE: PRT

77 <213> ORGANISM: Arabidopsis thaliana

79 <400> SEQUENCE: 2

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86 Thr Asn Leu Cys Ser Asn His Ser Val Ser Thr Pro Lys Glu Leu Pro
87           35           40           45
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90           50           55           60
92 Glu Gly Tyr Ile Ser Phe Asp Asp Val His Asn Val Ala Lys Asp Phe
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129      260      265      270
131 Tyr Ser Asp Phe Ser Ala Phe Ser Arg Asp Gln Glu Tyr Leu Ile Ser
132      275      280      285
134 Lys Glu Lys Thr Phe Asp Tyr Val Glu Gly Phe Val Ile Ile Asn Arg
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140 Thr Gln Ala Ser Arg Phe Lys Ser Asp Gly Lys Thr Leu Tyr Cys Leu
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155 Trp Leu Asn Leu Leu Ile Pro Lys Ser Ser Ile Tyr Gln Phe Ala Thr
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158 Glu Val Phe Asn Asn Ile Leu Thr Ser Asn Asn Asn Gly Pro Ile Leu
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164 Thr Pro Asn Glu Asp Ile Phe Tyr Leu Val Ala Phe Leu Pro Ser Ala
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167 Val Pro Asn Ser Ser Gly Lys Asn Asp Leu Glu Tyr Leu Leu Lys Gln
168 465      470      475      480
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176 Gly Lys Arg Trp Glu Thr Phe Ala Gln Arg Lys Gln Ala Tyr Asp Pro
177      515      520      525
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193 <400> SEQUENCE: 3

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267 85 90 95
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